

Converting Colors

$Yxy(10.6848, 0.5877, 0.3392)$

Have a look what the booklet for
Yxy(10.6848, 0.5877, 0.3392)
contains.

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Color

Yxy(10.6783, 0.5872, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	AE291E
RGB	174, 41, 30
RGB Percent	68%, 16%, 12%
CMY	0.3176, 0.8393, 0.8822
CMYK	0.00, 0.76, 0.83, 0.32
HSL	5°, 71%, 40%
HSV	5°, 83%, 68%
XYZ	18.4855, 10.6783, 2.3170
YIQ	79.5130, 82.7990, 24.7750

Conversions

Conversions Part 2

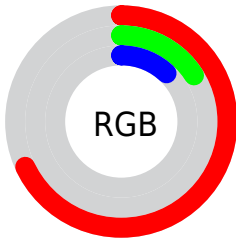
Format	Color
R_{YB}	174, 42, 30
Decimal	11413790
CIE _{Lab}	39.03, 52.48, 39.46
CIE _{LCh}	39, 65.660, 36.942
Yxy	10.6783, 0.5872, 0.3392
Android (android.graphics.Color)	4289603870 (0xFFAE291E)
YUV	79.5130, -24.4099, 82.8651
Hunter-Lab	32.6777, 43.7904, 18.6704

Details

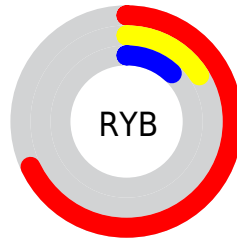
The Yxy color **10.6783, 0.5872, 0.3392** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **29.5481, 0.2230, 0.3095**, and the grayscale version is **7.9583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0757, 0.5226, 0.3493**, and **3.5107, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.7197, 0.6186, 0.3364**, and if you desaturate by 10%, it is **12.1414, 0.5456, 0.3407**.

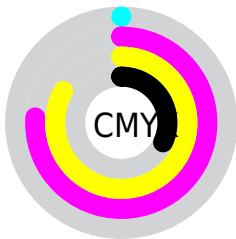
Distribution



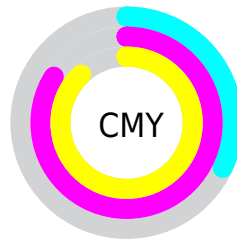
- Red (68%)
- Green (16%)
- Blue (12%)



- Red (68%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (76%)
- Yellow (83%)
- Black (32%)





- Cyan (32%)
- Magenta (84%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6783, 0.5872, 0.3392 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 10.6783, 0.5872, 0.3392 by changing the saturation by 10% instead.


 10.6783, 0.5872,
0.3392


 10.6783, 0.5872,
0.3392


195.4470, 0.4231,
0.3495


 5.8510, 0.6336,
0.3252

 27.0637, 0.5222,
0.3499

 2.7547, 0.6993,
0.3007

 39.3906, 0.4991,
0.3515


 1.0050, 0.7573,
0.2427

 54.9861, 0.4803,
0.3520

 0.0000, 1.0000,
0.0000

 74.2347, 0.4648,
0.3519


 0.0000, 0.0000,
0.0000

 97.5206, 0.4518,
0.3515


 125.2284, 0.4408,


0.3509


 157.7424, 0.4313,
0.3502


 10.6783, 0.5872,
0.3392


 10.6783, 0.5872,
0.3392

 9.7197, 0.6186,
0.3364

 12.1414, 0.5456,
0.3407

 9.2943, 0.6341,
0.3347

 14.1633, 0.5003,
0.3407

 16.7938, 0.4566,
0.3396

 20.0764, 0.4177,
0.3378

 24.0506, 0.3846,
0.3357

■ 28.7528, 0.3573,
0.3336

■ 34.2169, 0.3351,
0.3315

■ 40.4747, 0.3170,
0.3295

■ 47.5561, 0.3024,
0.3277

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.6783, 0.5172, 0.2627



10.6783, 0.5872, 0.3392



10.6783, 0.5533, 0.4275

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.6783, 0.5872, 0.3392



10.6783, 0.2168, 0.5509



10.6783, 0.1442, 0.1374

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10.6783, 0.5872, 0.3392



29.5481, 0.2230, 0.3095

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.6783, 0.1045, 0.1551



10.6783, 0.5872, 0.3392



10.6783, 0.1319, 0.3639

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.6783, 0.5872, 0.3392



10.6783, 0.3342, 0.6069



10.6783, 0.0989, 0.2203



10.6783, 0.2290, 0.1518

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10.6783, 0.5872, 0.3392



10.6783, 0.4955, 0.4989



10.6783, 0.0989, 0.2203



10.6783, 0.1267, 0.1394

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10.6789, 0.5872, 0.3392



49.7102, 0.3642, 0.3342



12.6256, 0.3344, 0.1712



10.3899, 0.3735, 0.3349



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6789, 0.5872, 0.3392



16.8059, 0.6339, 0.3338



20.5989, 0.4883, 0.4290



8.1096, 0.3285, 0.3308



6.7766, 0.6331, 0.3355



0.2195, 0.6050, 0.3578

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.5481, 0.2230, 0.3095



51.5793, 0.2182, 0.3050



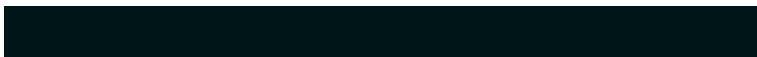
11.0607, 0.1862, 0.1711



8.9662, 0.2986, 0.3272



20.6825, 0.2182, 0.3054



0.6055, 0.2203, 0.3131

Previews

White Background



This preview shows how the Yxy color 10.6783, 0.5872, 0.3392 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 10.6783, 0.5872, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

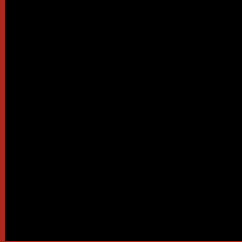
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.6783, 0.5872, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 10.6783, 0.5872, 0.3392.



This preview shows how white text looks on a background with the Yxy color 10.6783, 0.5872, 0.3392.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

10.6783, 0.5872, 0.3392

Protanopia

10.8941, 0.4014, 0.4390

Deuteranopia

10.8655, 0.4626, 0.4550



Tritanopia

10.6695, 0.5748, 0.3298

Trichromacy



Original Color

10.6783, 0.5872, 0.3392

Protanomaly

9.7112, 0.4796, 0.3924

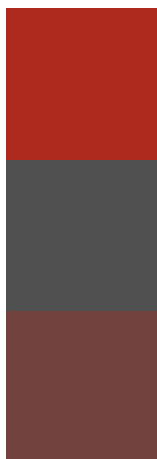
Deuteranomaly

9.9603, 0.5201, 0.4028

Tritanomaly

10.6436, 0.5805, 0.3334

Monochromacy



Original Color

10.6783, 0.5872, 0.3392

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

7.8216, 0.4218, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6783, 0.5872, 0.3392 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 41, 30)` looks like.

```
.text, #text, p{  
    color:rgb(174, 41, 30)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 41, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 41, 30) }
```

Border

The CSS property to change the border of an element to Yxy 10.6783, 0.5872, 0.3392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 41, 30) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 41, 30) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 41, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 41, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 41, 30);  
box-shadow:4px 4px 4px 4px rgb(174, 41,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6783, 0.5872, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 41, 30) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174, 41,  
30) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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